

549,977

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
7 October 2004 (07.10.2004)

PCT

(10) International Publication Number
WO 2004/085646 A1

(51) International Patent Classification⁷: C12N 15/12, C07K 14/47, 16/18, C12Q 1/68, G01N 33/68, A61K 38/00

(21) International Application Number: PCT/EP2004/003182

(22) International Filing Date: 25 March 2004 (25.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/457,695 26 March 2003 (26.03.2003) US
60/463,934 18 April 2003 (18.04.2003) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2004/085646 A1

(54) Title: CYCLIC AMP RESPONSE ELEMENT ACTIVATOR PROTEINS AND USES RELATED THERETO

(57) Abstract: The invention discloses newly identified cyclic AMP response element activator proteins (CREAP proteins). It is contemplated herein that said proteins are suitable drug targets for the development of new therapeutics to prevent, treat or ameliorate pathological conditions related to abnormal activation of CRE-dependent gene expression or abnormal activation of chemokines. The invention relates to methods to prevent, treat or ameliorate said pathological conditions and pharmaceutical compositions therefore comprising modulators with inhibitory effect on CREAP protein activity and/or CREAP gene expression. The invention also relates to methods to identify compounds with therapeutic usefulness to treat said pathological conditions, comprising identifying compounds that can inhibit CREAP protein activity and/or CREAP gene expression.